

S. Hufn

1642

十一

PAGE: 1

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,707**

DATE: 10/08/1999
TIME: 15:02:18

INPUT SET: S33605.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

3 (1) General Information:

4
5 (i) APPLICANT: Isaacs, John T.
6 Denmeade, Samuel R.
7 Christensen, S. Broger
8 Lilja, Hans

10 (ii) TITLE OF INVENTION: TISSUE SPECIFIC PRODRUG

12 (iii) NUMBER OF SEQUENCES: 14

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Fish & Richardson P.C.
16 (B) STREET: 225 Franklin Street
17 (C) CITY: Boston
18 (D) STATE: MA
19 (E) COUNTRY: USA
20 (F) ZIP: 02110-2804

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Diskette
24 (B) COMPUTER: IBM Compatible
25 (C) OPERATING SYSTEM: Windows 95
26 (D) SOFTWARE: FastSEQ for Windows Version 2.0b

28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: 09/081,707
30 (B) FILING DATE: 19-MAY-1998

32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: 60/080,046
34 (B) FILING DATE: 30-MAR-1998

(A) APPLICATION NUMBER: 60/047,070
(B) FILING DATE: 19-MAY-1997

39 (viii) ATTORNEY/AGENT INFORMATION:
40 (A) NAME: Heibel, George E.
41 (B) REGISTRATION NUMBER: 42,648
42 (C) REFERENCE/DOCKET NUMBER: 07265/149001

43
44 (ix) TELECOMMUNICATION INFORMATION:
45 (A) TELEPHONE: 617/542-5070
46 (B) TELEFAX: 617/542-8806

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,707DATE: 10/08/1999
TIME: 15:02:18

INPUT SET: S33605.raw

47
48
49 (2) INFORMATION FOR SEQ ID NO:1:
50

51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 4 amino acids
53 (B) TYPE: amino acid
54 (D) TOPOLOGY: linear

55 (ii) MOLECULE TYPE: peptide

56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

57
58 Ser Lys Leu Gln
59 1

60
61 (2) INFORMATION FOR SEQ ID NO:2:
62

63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 4 amino acids
65 (B) TYPE: amino acid
66 (D) TOPOLOGY: linear

67 (ii) MOLECULE TYPE: peptide

68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
69

70 Ile Ser Tyr Gln
71 1

72 (2) INFORMATION FOR SEQ ID NO:3:
73

74 (i) SEQUENCE CHARACTERISTICS:
75 (A) LENGTH: 4 amino acids
76 (B) TYPE: amino acid
77 (D) TOPOLOGY: linear

78 (ii) MOLECULE TYPE: peptide

79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
80

81 Lys Ser Lys Gln
82 1

83 (2) INFORMATION FOR SEQ ID NO:4:
84

85 (i) SEQUENCE CHARACTERISTICS:
86 (A) LENGTH: 5 amino acids
87 (B) TYPE: amino acid
88 (D) TOPOLOGY: linear

89 (ii) MOLECULE TYPE: peptide
90

91
92
93
94
95
96
97
98
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,707DATE: 10/08/1999
TIME: 15:02:19

INPUT SET: S33605.raw

100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

101
102 Ser Ser Lys Leu Gln
103 1 5
104

105 (2) INFORMATION FOR SEQ ID NO:5:

106
107 (i) SEQUENCE CHARACTERISTICS:
108 (A) LENGTH: 5 amino acids
109 (B) TYPE: amino acid
110 (D) TOPOLOGY: linear

111 (ii) MOLECULE TYPE: peptide

112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

113
114 Lys Ile Ser Tyr Gln
115 1 5
116

117 (2) INFORMATION FOR SEQ ID NO:6:

118
119 (i) SEQUENCE CHARACTERISTICS:
120 (A) LENGTH: 5 amino acids
121 (B) TYPE: amino acid
122 (D) TOPOLOGY: linear

123 (ii) MOLECULE TYPE: peptide

124 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

125
126 Thr Lys Ser Lys Gln
127 1 5
128

129 (2) INFORMATION FOR SEQ ID NO:7:

130
131 (i) SEQUENCE CHARACTERISTICS:
132 (A) LENGTH: 6 amino acids
133 (B) TYPE: amino acid
134 (D) TOPOLOGY: linear

135 (ii) MOLECULE TYPE: peptide

136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

137
138 His Ser Ser Lys Leu Gln
139 1 5
140

141 (2) INFORMATION FOR SEQ ID NO:8:

142
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 6 amino acids
145 (B) TYPE: amino acid
146 (D) TOPOLOGY: linear

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,707DATE: 10/08/1999
TIME: 15:02:19

INPUT SET: S33605.raw

153
154 (ii) MOLECULE TYPE: peptide
155
156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
157
158 Asn Lys Ile Ser Tyr Gln
159 1 5
160
161 (2) INFORMATION FOR SEQ ID NO:9:
162
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 6 amino acids
165 (B) TYPE: amino acid
166 (D) TOPOLOGY: linear
167
168 (ii) MOLECULE TYPE: peptide
169
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
171
172 Ala Thr Lys Ser Lys Gln
173 1 5
174
175 (2) INFORMATION FOR SEQ ID NO:10:
176
177 (i) SEQUENCE CHARACTERISTICS:
178 (A) LENGTH: 7 amino acids
179 (B) TYPE: amino acid
180 (D) TOPOLOGY: linear
181
182 (ii) MOLECULE TYPE: peptide
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
185
186 Glu His Ser Ser Lys Leu Gln
187 1 5
188
189 (2) INFORMATION FOR SEQ ID NO:11:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 7 amino acids
193 (B) TYPE: amino acid
194 (D) TOPOLOGY: linear
195
196 (ii) MOLECULE TYPE: peptide
197
198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
199
200 Gln Asn Lys Ile Ser Tyr Gln
201 1 5
202
203 (2) INFORMATION FOR SEQ ID NO:12:
204
205 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,707DATE: 10/08/1999
TIME: 15:02:20

INPUT SET: S33605.raw

206 (A) LENGTH: 7 amino acids
207 (B) TYPE: amino acid
208 (D) TOPOLOGY: linear
209
210 (ii) MOLECULE TYPE: peptide
211
212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
213
214 Glu Asn Lys Ile Ser Tyr Gln
215 1 5
216
217 (2) INFORMATION FOR SEQ ID NO:13:
218
219 (i) SEQUENCE CHARACTERISTICS:
220 (A) LENGTH: 7 amino acids
221 (B) TYPE: amino acid
222 (D) TOPOLOGY: linear
223
224 (ii) MOLECULE TYPE: peptide
225
226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
227
228 Ala Thr Lys Ser Lys Gln His
229 1 5
230
231 (2) INFORMATION FOR SEQ ID NO:14:
232
233 (i) SEQUENCE CHARACTERISTICS:
234 (A) LENGTH: 7 amino acids
235 (B) TYPE: amino acid
236 (D) TOPOLOGY: linear
237
238 (ii) MOLECULE TYPE: peptide
239
240 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
241
242 His Ser Ser Lys Leu Gln Leu
243 1 5
244

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/081,707*

DATE: 10/08/1999
TIME: 15:02:20

INPUT SET: S33605.raw

Line

Error

Original Text